

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 2715 | (light radiat\$4) same optical and backscatter                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>15:36 |
| S2    | 142  | (light radiat\$4) same optical and backscatter same photon                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>15:37 |
| S3    | 7    | (light radiat\$4) same optical and backscatter same photon and curve with fit\$4 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>15:38 |
| S4    | 9    | "1664745"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>15:43 |
| S5    | 317  | backscatter same light and radiation and probe                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>16:01 |
| S6    | 6    | backscatter same light and radiation and probe and curve and free with photon    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>16:01 |
| S7    | 7    | "6381018"<br>"20020171831"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/22<br>16:26 |

|     |      |                                    |   |    |     |                     |
|-----|------|------------------------------------|---|----|-----|---------------------|
| S8  | 328  | free with path with photon         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>16:29 |
| S9  | 23   | backscatter and S8                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>16:29 |
| S10 | 6    | S9 and spectroscop\$4              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>16:31 |
| S11 | 12   | Amelink.in.                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/22<br>16:57 |
| S12 | 4    | Amelink.in. and backscatter        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/22<br>16:57 |
| S13 | 1122 | optical with fiber and backscatter | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/22<br>16:59 |
| S14 | 297  | S13 and photon                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>17:00 |
| S15 | 25   | S13 and photon and free with path  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>17:00 |
| S16 | 0    | ("2008/0221814").URPN.             | USPAT   | OR | OFF | 2008/09/22<br>17:01 |

|     |     |   |   |    |     |                     |
|-----|-----|---|---|----|-----|---------------------|
| S17 | 10  | ("5303026"   "5522868"   "5555885"   "5676142"   "5822072"   "6014204"   "6015969").PN. OR ("6381018").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/09/22<br>17:17 |
| S18 | 0   | "638101" and path\$5<br>same photon   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/09/22<br>17:35 |
| S19 | 3   | "6381018" and path\$5<br>same photon  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/22<br>17:36 |
| S20 | 1   | 10/573773 and carrier   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/22<br>18:26 |
| S21 | 1   | 10/573337 and carrier   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/22<br>18:26 |
| S22 | 4   | "6381018" and (CPU<br>computer microcomputer<br>processor microprocessor<br>microcontroller controller<br>server)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/04/20<br>14:08 |
| S23 | 177 | spectrometer and (CPU<br>computer microcomputer<br>processor microprocessor<br>microcontroller controller<br>server) and optical with<br>fiber and probe and<br>backscatter                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/04/20<br>14:12 |
| S24 | 131 | spectrometer and (CPU<br>computer microcomputer<br>processor microprocessor<br>microcontroller controller<br>server) and optical with<br>fiber and probe and<br>backscatter and light<br>near3 source | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/04/20<br>14:12 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S25 | 109 | spectrometer and (CPU computer microcomputer processor microprocessor microcontroller controller server) and optical with fiber and probe and backscatter and light near3 source and radiation   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/20<br>14:12 |
| S26 | 3   | spectrometer and (CPU computer microcomputer processor microprocessor microcontroller controller server) and optical with fiber and probe and backscatter and light near3 source and radiation and wavelength and free near3 path and photon | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/20<br>14:14 |
| S27 | 57  | spectrometer and (CPU computer microcomputer processor microprocessor microcontroller controller server) and optical with fiber and probe and backscatter and light near3 source and radiation and wavelength and photon                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/20<br>14:44 |
| S28 | 56  | spectrometer and (CPU computer microcomputer processor microprocessor microcontroller controller server) and optical with fiber and probe and backscatter and light near3 source and radiation and wavelength and photon and second          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/20<br>14:45 |
| S29 | 2   | "6381018" and path\$5 same photon and process \$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/22<br>10:50 |
| S30 | 0   | probe with fiber with (multiple numerous two) same spectrom\$5 same backscatter  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/22<br>11:45 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| S31 | 2  | probe with fiber with<br>(multiple numerous two)<br>same spectrom\$5 same<br>backscatter\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/22<br>11:45 |
| S32 | 2  | probe with fiber with<br>(multiple numerous two)<br>same spectrom\$5 same<br>backscatter\$5   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/22<br>11:46 |
| S33 | 18 | probe with fiber with<br>(multiple numerous two)<br>same spectr\$8 same<br>backscatter\$5   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/22<br>11:47 |
| S34 | 70 | spectromete\$5 and (light<br>radiat\$4) same optical<br>and backscatter and fiber<br>with (collect\$4 receiv\$4<br>captur\$4) same fiber with<br>(transmit\$4 transfer\$4<br>send\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/23<br>17:46 |
| S35 | 1  | 10/573337 and medium  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/04/24<br>16:44 |

### EAST Search History (Interference)

| Ref # | Hits | Search Query                               | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------------|------------------|---------|------------------|
| L1    | 425  | 702/23.ccls.                               | USPAT;<br>UPAD | OR               | ON      | 2010/12/19 14:40 |
| L2    | 142  | 702/23.ccls. and<br>spectrometer           | USPAT;<br>UPAD | OR               | ON      | 2010/12/19 14:40 |
| L3    | 19   | 702/23.ccls. and<br>spectrometer and fiber | USPAT;<br>UPAD | OR               | ON      | 2010/12/19 14:41 |

12/19/2010 2:41:51 PM

H:\East\Workspaces\10573337.wsp